BRUHAT BANGALORE MAHANAGARA PALIKE

Detailed Estimate for :- Providing path way and other developmental works to Ganesha Layout park in MS palya Ward No.11

Estimated cost Rs.19.90 Lakhs

Sl. No	Description of work	No	Dimensions			qty	Rate	Unit	Amount
			L	B	D				
1	KSRB 2-2.1 : Earthwork in surface excavation in oridinary soil for leveling and lowering he ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavted surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a) /2.3.1 (P-5, I-2.1)								
	Pathway - N	1	69.00	3.40	0.20	46.92			
	Eastern side	1	118.00	3.40	0.20	80.24			
	Souterh side	1	35.80	3.40	0.20	24.34			
	Western side	1	32.00	3.40	0.20	21.76			
	at gate	1	3.00	3.40	0.20	2.04			
	watchman shed	1	23.50	3.40	0.20	15.98			
	Western side	1	80.00	3.40	0.20	54.40			
	Levelling ground	1	75.00	52.00	0.25	975.00			
						1220.68	146.88	Cum	179,293.00
	Basic Rate	136.00							
	Area Weightage @ 8%	10.88							
	Total	146.88							
2	earth work excavation for foundation of building, water supply, sanitary lines and electrical conditions either in pits or in trenches 1.5m and above in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the escavated soil clean from edges of excavation with lead upto 50m after breaking of complete as per specifications (KSB 2.1) (b) 2.3.5, P-5, 1-2.4)								
	kerb stone - W	1	82.00	0.30	0.30	7.38			
	Western side	1	80.00	0.30	0.30	7.20			
	N - side	1	69.00	0.30	0.30	6.21			
	N - side	1	64.80	0.30	0.30	5.83			
	E - Side	1	118.00	0.30	0.30	10.62			
	E - Side	1	113.80	0.30	0.30	10.24			
	Souterh side	1	35.80	0.30	0.30	3.22			
	Souterh side	1	40.00	0.30	0.30	3.60			
	Western side	2	30.00	0.30	0.30	5.40			
	at gate	2	3.00	0.30	0.30	0.54			
	watchman shed	1	23.50	0.30	0.30	2.12			
	watchman shed	1	21.40	0.30	0.30	1.93			
	Souterh side	2	33.60	0.30	0.30	6.05			
	Western side	2	80.00	0.30	0.30	14.40			

						84.74	264.60	Cum	22,422
	Basic rate	245.00							
	Area Weightage @ 8%	19.60							
	Total	264.60							
3	Lead for Disposal of Debris/earth shall be payable at garage rates by Mechanical means including loading and unloading from 14Kms to 15Kms (P.No.124.I.No.Conveying)								
	Qty item no. 1 & 2					1305.42			
	qty ristricted to 1297					**1297.00**	109.30	Cum	141,757
	Loading and unloading I.No.17.1	62.20							
	for Haulage(surface road Rs. 2.0 T/Km)								
	(density of debris 1.30 t/cum)								
	for 15kms =15x2x1.30	39.00							
		101.20							
	Area Weightage @ 8%	8.10							
	Total	109.30							
4	Providing and fixing precast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete -do- size 450 x150 x 500mm P.25 I.No.5.29.1								
	kerb stone - W	1	82.00			82.00			
	Western side	1	80.00			80.00			
	N - side	1	69.00			69.00			
	N - side	1	64.80			64.80			
	E - Side	1	118.00			118.00			
	E - Side	1	113.80			113.80			
	Souterh side	1	35.80			35.80			
	Souterh side	1	40.00			40.00			
	Western side	2	30.00			60.00			
	at gate	2	3.00			6.00			
	watchman shed	1	23.50			23.50			
	watchman shed	1	21.40			21.40			
	Souterh side	2	33.60			67.20			
						781.50			
	1kerb=0.45 mt					**1737**	357.48	Nos	620943
	Basic Rate	331.00							
	Area weightage @ 8%	26.48							
	Total	357.48							
5	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kgs per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand undermeath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specification (P.98 I. No.14.6)								
	Pathway - N	1	69.00	3.00		207.00			

	Eastern side	1	118.00	3.00		354.00			
	Souterh side	1	35.80	3.00		107.40			
	Western side	1	32.00	3.00		96.00			
	at gate	1	3.00	3.00		9.00			
	watchman shed	1	23.50	3.00		70.50			
	Western side	1	80.00	3.00		240.00			
						1083.90	893.16	sqm	968096.12
	Basic Rate	827.00							
	A.W@ 8%	66.16							
	Total	893.16							
6	Providing and fabricating, supplying and erecting to plumb and line MS grill work as per approved design and drawing using 50x50x6mm angle of heavy gauge as support and 35x35x6mm angles of heavy gauge for frame work with 100x50mm channel section to join grills 16mm and 10mm square rods are used for verticals at 75mm c/c alternatively, 35x35x6mm equal angle to be provided horizontally 2nos at top and 2 at bottom (4nos) as shown in drawing. The work is inclusive of thoughing angels, square rods, and angles, square rods and angels and channel welding to suitable size for each bay. All the joints are welded together including grinding, finishing, metal patti and painting two coats of anticorrosive paint over one coat of primer. The set is inclusive of all materials like MS angles, hold fast, cost of labhour for all items of work. cost of painting, welding, cutting, lathe work, grinding, thoughing including loading and unloading with all lead and lift charges etc., complete								
	Mailn gate	1	3.00		2.00	6.00			
					Total	**6.00**	4550.00	sqmt	27300.00
7	Providing and applying ready mix priming coat over concrete/masonry /asbestos cement sheet plastered surfaces including preparing the surface after through brooming of oil,grease,dirt and other foreign matter,and sand papering including cost of materials, labhour, complete as per specifications (P.No.118, I.No.15.80)								
	Kerb Stone	1737	0.45		0.35	273.58			
					Total	**273.58**	25.92	Sqm	7092.00
	Basic Rate	24.00							
	Area Weightage @ 8%	1.92							
	Total	25.92							
8	Providing and applying painting with ready mix paint in two coats(excluding priming coat) over new concrete/asbestos cement sheet/plastered surface brush to give an even shade after preparing the surface after through brooming of oil, dirt, and other foreign matter and sand papering including cost of materials, labhour, complete as per specifications.(P.No.118 ,I.No.15.83)								
	for kerb stones	1737	0.45		0.35	273.58			
					Total	**273.58**	48.60	Sqm	13296.00
	Basic Rate	45.00							
	Area Weightage @ 8%	3.60							
	Total	48.60							

Providing and fixing dust bins as per designs, drawing specification and direction of Engineer in charge of works	2.00	4800.00	Nos	9,600
				1,989,798.88
			Miscellaneous	201.12
			GRAND TOTAL Rs.	**1990000.00**

Certificate

1. The work spot has been inspected and the work is found necessary
2. This estimate is prepared as per C.S.R. of 2014-15
3. This provisions were made in this estimate are necessary and adequate
4. This work cormes under B.B.M.P limits

Asst. Engineer
BBMP

Asst. Executive Engineer
BBMP

Executive Engineer ( )Yelahanka
BBMP

Administrative Approval
Accorded for Rs 19.90 lakhs.
is accorded under head.... P0190
registered as CE No... 84 Dt: 28.11.14 Subject
to Conditions contained in enclosed memo
No...../.....Dr.....

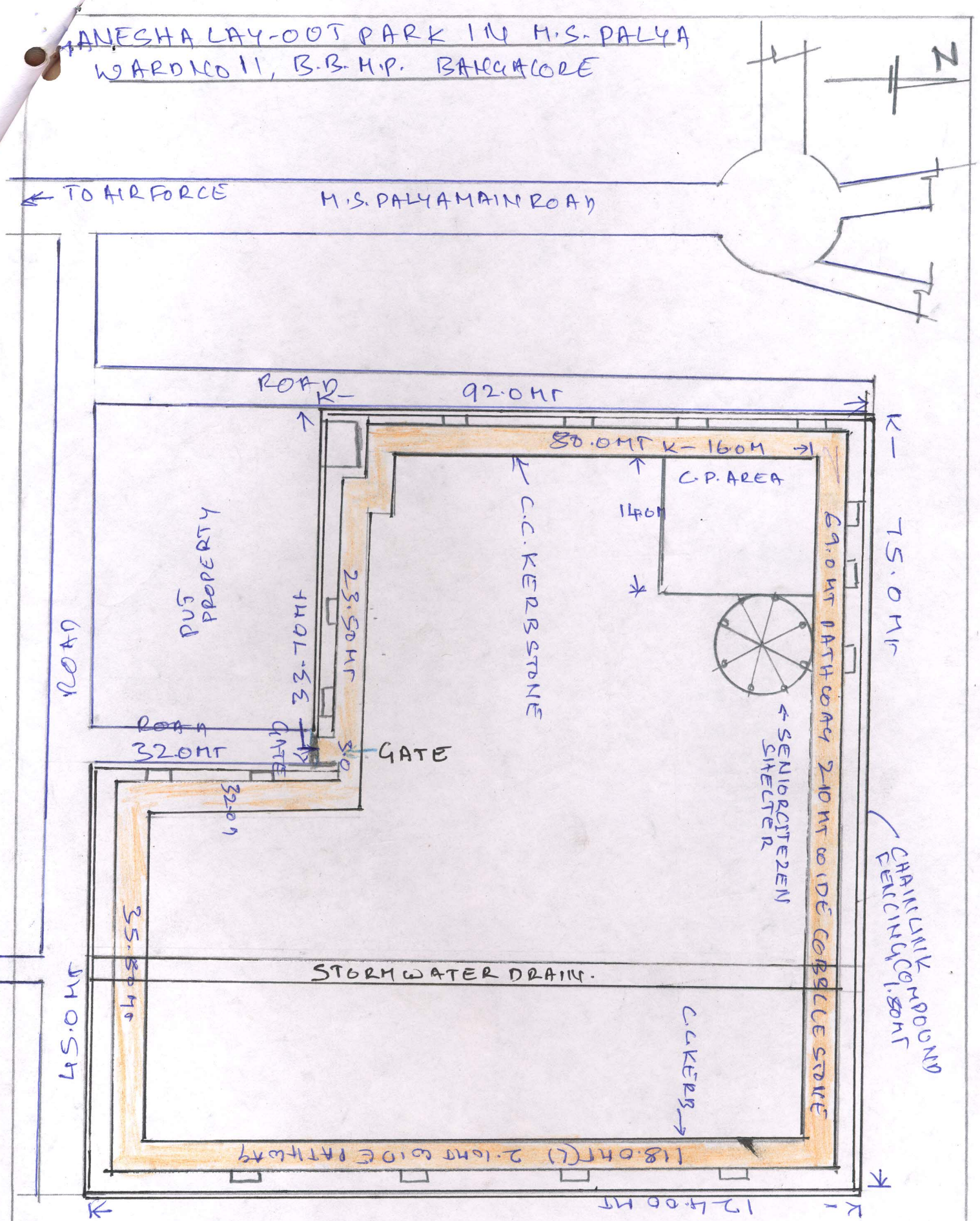
AE/JE TA SE (BTP) CE (BTP)

Technical Sanction for Rs... 19.90L
Nineteen lakhs Ninety Thousand
only
P-0190
Registered as CE No... 49 Dt: 22.12.14 Subject
to conditions contained in Spec'l Prov. Co.
No:...../ 264 Dt: 22.12.14

AE/JE

EE (BTP.Div.)

GANESHA LAY-OUT PARK IN M.S. PALYA
WARD NO 11, B.B.M.P. BANGALORE



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ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97